

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(disabl\$4 with (adjust\$3)) with (initial adj1 tim\$2)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:25
L2	21672	(disabl\$4 or prevent\$3 or unable) with (adjust\$3 or chang\$3) with (tim\$2)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:26
L3	311	(disabl\$4 or prevent\$3 or unable) with (adjust\$3 or chang\$3) with (initial with tim\$2)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:30
L4	237	3 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/15 08:32
L5	5224	(chang\$3 or adjust\$3) with (volum\$1) same (after with (second\$1 or tim\$2 or minut\$2))	US-PGPUB; USPAT	OR	ON	2007/02/15 08:31
L6	3669	5 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/15 08:56
L7	18	6 and ((381/104.ccls.) or (381/107.ccls.))	US-PGPUB; USPAT	OR	ON	2007/02/15 08:54
L8	6	7 and (maximum with volum\$2)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:55
L9	0	7 and (maximum with volum\$2) same (unable or prevent\$3 or disabl\$3)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:56
L10	21	((381/104.ccls.) or (381/107.ccls.)) and (maximum with volum\$2) same (unable or prevent\$3 or disabl\$3)	US-PGPUB; USPAT	OR	ON	2007/02/15 08:59
L11	17	10 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/15 09:00
L12	4	((381/104.ccls.) or (381/107.ccls.)) and ((maximum with volum\$2) same ((unable or prevent\$3) with (adjust\$3 or chang\$3)))	US-PGPUB; USPAT	OR	ON	2007/02/15 09:00
L13	3	12 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/15 10:14
L14	1	"20050026568"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:15
L15	3	"6996445"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:15

## EAST Search History

S1	11	US-3715710-\$ DID. OR US-3879698-\$ DID. OR US-4651311-\$ DID. OR US-4706228-\$ DID. OR US-4734894-\$ DID. OR US-4764906-\$ DID. OR US-4796608-\$ DID. OR US-5228011-\$ DID. OR US-5233972-\$ DID. OR US-5251614-\$ DID. OR US-5305287-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 10:53
S2	0	"10692769"	US-PGPUB; USPAT	OR	ON	2007/02/06 10:53
S3	0	"20040111171"	US-PGPUB; USPAT	OR	ON	2007/02/06 10:54
S4	1	"20040111171"	US-PGPUB; USPAT	OR	ON	2007/02/06 10:54
S5	3	US-6078669-\$ DID. OR US-6021386-\$ DID. OR US-5590207-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 11:41
S6	2344	(("381"/\$.ccls.) or (700/94.ccls.) or ("700"/\$.ccls.) and ("3"\$1D or \$6dimensional\$1) and (encod\$3))	US-PGPUB; USPAT	OR	ON	2007/02/06 11:55
S7	17	"5943427"	US-PGPUB; USPAT	OR	ON	2007/02/06 11:55
S8	2344	(("381"/\$.ccls.) or (700/94.ccls.) or ("700"/\$.ccls.) or (381/17.ccls. )) and ("3"\$1D or \$6dimensional\$1) and (encod\$3))	US-PGPUB; USPAT	OR	ON	2007/02/06 11:57
S9	1639	S8 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/15 08:27
S10	0	("2004/0111171").URPN.	USPAT	OR	ON	2007/02/06 12:24
S11	8	S9 and (encod\$3 and (edit\$3 same scene\$1))	US-PGPUB; USPAT	OR	ON	2007/02/06 12:34
S12	345	S9 and (encod\$3 and (edit\$3 and produc\$3))	US-PGPUB; USPAT	OR	ON	2007/02/06 12:37
S13	55	S12 and ((sound\$2 or audible\$1) and (microphone\$1))	US-PGPUB; USPAT	OR	ON	2007/02/06 12:59
S14	120381	(encod\$3 and (object\$1 and background\$1) and (rout\$3 or mix\$3) and (\$2D or \$7dimensional\$1))	US-PGPUB; USPAT	OR	ON	2007/02/06 13:06
S15	3117	S14 and (("381"/\$.ccls.) or ("700"/\$.ccls.) or ("704"/\$.ccls.)) and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/06 14:42
S16	755	S15 and (\$7dimensional\$1)	US-PGPUB; USPAT	OR	ON	2007/02/06 13:09

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S17	221	S16 and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/02/06 13:43
S18	579	(microphone\$1 and input\$1) and (encod\$3 and decod\$3) and (synthesiz\$3) and (("381"/\$.ccls.) or ("700"/\$.ccls.) or ("704"/\$.ccls. )) and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/06 14:17
S19	197	\$7dimension\$2 and (microphone\$1 and input\$1) and (encod\$3 and decod\$3) and (synthesiz\$3) and (("381"/\$.ccls.) or ("700"/\$.ccls.) or ("704"/\$.ccls. )) and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/06 14:24
S20	693	\$7dimension\$2 and (microphone\$1 and input\$1) and (encod\$3 and decod\$3) and (synthesiz\$3) and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/06 14:25
S21	0	S20 and (scene\$1 adj2 (edit\$3 or produc\$3))	US-PGPUB; USPAT	OR	ON	2007/02/06 14:26
S22	170	S20 and (spatial\$7)	US-PGPUB; USPAT	OR	ON	2007/02/06 14:32
S23	36	"5493427"	US-PGPUB; USPAT	OR	ON	2007/02/06 14:32
S24	41	("3912386"   "4171874"   "4488786"   "4508428"   "4904063"   "4945407"   "4959641"   "4987487"   "5124834").PN. OR ("5493427"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 14:37
S25	6253	(sound\$1 same ("3"\$2D or three\$2dimension\$4))	US-PGPUB; USPAT	OR	ON	2007/02/06 14:39
S26	4259	S25 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/06 14:42
S27	526	S26 and (encod\$3 and (scene\$1 or synthesiz\$3))	US-PGPUB; USPAT	OR	ON	2007/02/06 15:06
S28	1	"20050078835"	US-PGPUB; USPAT	OR	ON	2007/02/06 15:11
S29	1	"20040142734"	US-PGPUB; USPAT	OR	ON	2007/02/06 15:14
S30	1	"20050071310"	US-PGPUB; USPAT	OR	ON	2007/02/06 15:27
S31	18493	(phone\$1 and wireless) and ("455"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/06 15:29
S32	9666	S31 and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/06 15:30

## EAST Search History

S33	4237	S32 and (cell\$4 adj1 phone\$1)	US-PGPUB; USPAT	OR	ON	2007/02/06 15:30
S34	2437	S33 and (rotat\$3 or turn\$2 or movable\$1 or movably)	US-PGPUB; USPAT	OR	ON	2007/02/06 15:50
S35	653	((455/575.1.ccls.) or (455/575.3.ccls.) ) and (rotat\$3 or rotatably or movably or movable or mov\$6) and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/06 15:52
S36	10	("6009336"   "6434403"   "6510325"   "6549789"   "6567677"   "6704586"   "6731952"   "6782281"   "6795715").PN. OR ("6999802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:09
S37	822159	(device\$1 or phone\$1 or PDA) and (rotate\$1 or rotat\$3 or rotatably) and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/06 16:10
S38	27491	(camera\$1 and microphon\$2)	US-PGPUB; USPAT	OR	ON	2007/02/06 16:11
S39	4764	S38 and (speaker\$1 and keypad\$1)	US-PGPUB; USPAT	OR	ON	2007/02/06 16:11
S40	1300	S39 and (antenna\$1 and (battery))	US-PGPUB; USPAT	OR	ON	2007/02/06 16:12
S41	1	"20040156229"	US-PGPUB; USPAT	OR	ON	2007/02/06 16:24
S42	1	"20040142734"	US-PGPUB; USPAT	OR	ON	2007/02/07 08:18
S43	58	("4488146"   "4875185"   "5419707"   "5485517"   "5533097"   "5625673"   "5948086"   "6144358"   "6269395").PN. OR ("6549789").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 08:26
S44	10	("6009336"   "6434403"   "6510325"   "6549789"   "6567677"   "6704586"   "6731952"   "6782281"   "6795715").PN. OR ("6999802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 08:31
S45	10	("6009336"   "6434403"   "6510325"   "6549789"   "6567677"   "6704586"   "6731952"   "6782281"   "6795715").PN. OR ("6999802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 08:44
S46	11	"6731952"	US-PGPUB; USPAT	OR	ON	2007/02/07 08:44

## EAST Search History

S47	560	(keypad\$1 same (rotatably or rotat\$3 or detachable or detach\$6 or removable or remov\$7)) and ("455"/\$.ccls.) and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/07 08:57
S48	3	("5883684"   "5940215"   "6466292").PN. OR ("6925313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 08:57
S49	3988	(keypad\$1 same (rotatably or rotat\$3 or detachable or detach\$6 or removable or remov\$7)) and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/07 08:58
S50	1253	S49 and (keypad\$1 same (rotatably or rotat\$3)) and (@ad<"20021022")	US-PGPUB; USPAT	OR	ON	2007/02/07 09:16
S51	1	"20040142734"	US-PGPUB; USPAT	OR	ON	2007/02/12 10:02
S52	3	("455"/\$.ccls.) and ((keypad\$1 with (fold\$3 or cover\$1)) and (display with (external and interior)))	US-PGPUB; USPAT	OR	ON	2007/02/12 10:04
S53	2	("6192258"   "6721278").PN. OR ("7120474").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 10:11
S54	14	US-3879751-\$ DID. OR US-4914586-\$ DID. OR US-4949379-\$ DID. OR US-5005200-\$ DID. OR US-5091975-\$ DID. OR US-5126543-\$ DID. OR US-5247497-\$ DID. OR US-5436972-\$ DID. OR US-5544255-\$ DID. OR US-5577120-\$ DID. OR US-5647017-\$ DID. OR US-5818955-\$ DID. OR US-6091835-\$ DID. OR US-6185316-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 13:17
S55	509	(381/61.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/14 12:48
S56	375	S55 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/14 12:51
S57	1076	(700/94.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/14 12:51
S58	619	S57 and (@ad<"20021028")	US-PGPUB; USPAT	OR	ON	2007/02/14 12:51
S59	944	(S56 or S58)	US-PGPUB; USPAT	OR	ON	2007/02/14 12:51

## EAST Search History

S60	155	S59 and ((3"\$1d) or ((three\$2) adj1 (dimension\$3))) "20060029233"	US-PGPUB; USPAT US-PGPUB; USPAT	OR OR	ON ON	2007/02/14 12:53
S61	1					2007/02/15 08:23